This Page Is Inserted by IFW Operations and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents will not correct images, please do not report the images to the Image Problem Mailbox.

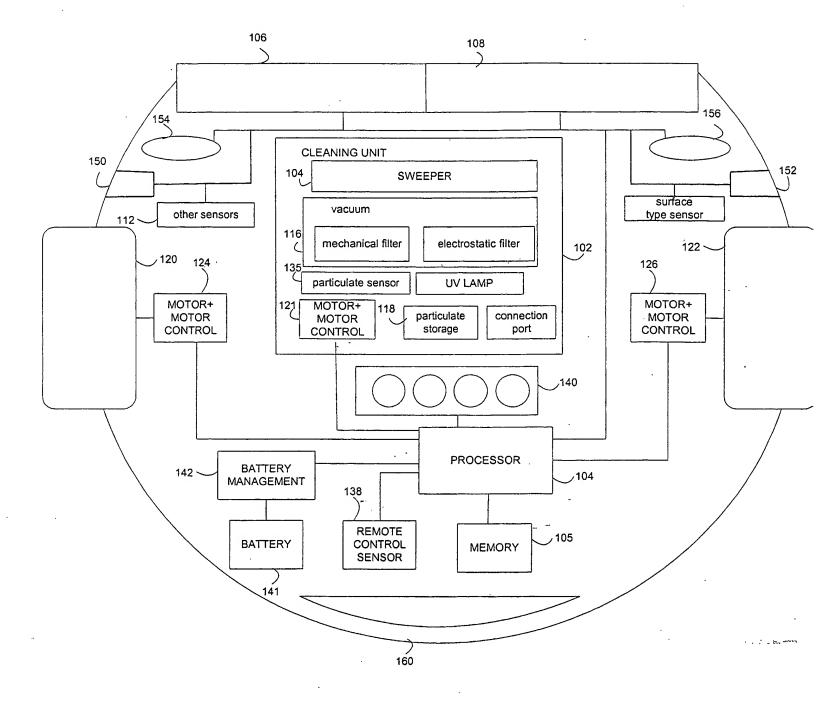


FIGURE 1A

Title: Robotic Vacuum with Localized Cleaning Algorithm
Docket No.: SHPR-01360USc Inventor(s): Park

Appl. No.: To be assigned
Confirm No.: To be assigned
Filed: Herewith

Inventor(s): Parker
Attorney: Joseph P. O'Malley
Phone: (415) 362-3800
Express Mail No: EV 375096185 US
Sheet 1 of 15

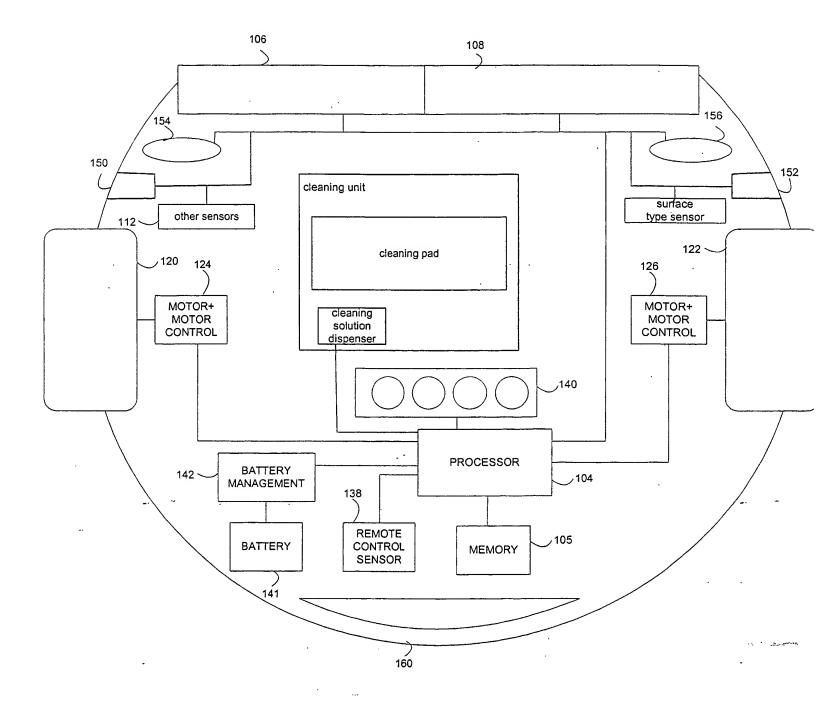


FIGURE 1B

Title: Robotic Vacuum with Localized Cleaning Algorithm

Docket No.: SHPR-01360USc
Appl. No.: To be assigned
Confirm No.: To be assigned
Filed: Herewith

Title: Robotic Vacuum with Localized Cleaning Algorithm
Inventor(s): Parker
Attorney: Joseph P. O'Malley
Phone: (415) 362-3800
Express Mail No: EV 3750961 5 US
Sheet 2 of 15

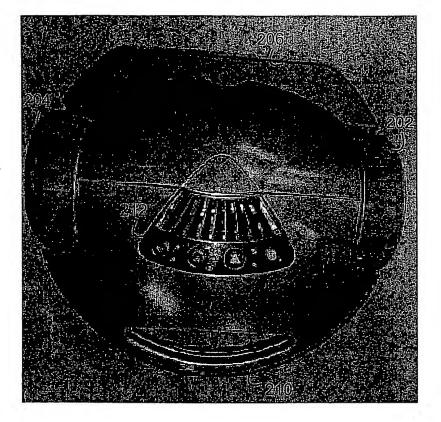


FIGURE 2A

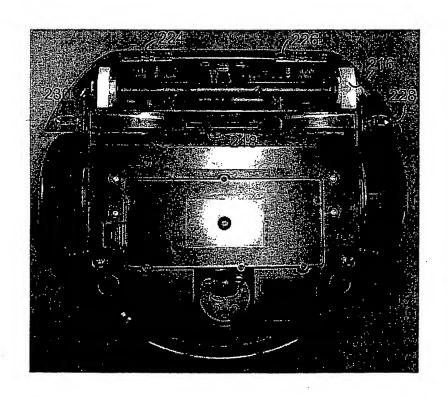


FIGURE 2B

Title: Robotic Vacuum with Localized Cleaning Algorithm

Docket No.: SHPR-01360USc Inventor(s): Parker

Attorney: Joseph P. O'Malley
Attorney: Joseph P. O'Malley
Phone: (415) 362-3800 GON Phone: (415)

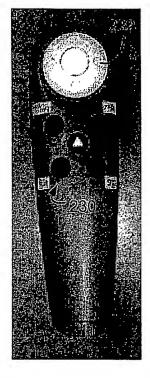


FIGURE 2F

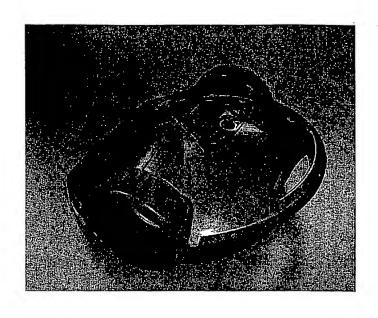


FIGURE 2C



FIGURE 2D

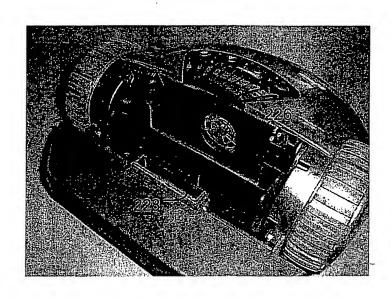


FIGURE 2E

Title: Robotic Vacuum with Localized Cleaning Algorithm
Docket No.: SHPR-01360USc
Appl. No.: To be assigned
Confirm No.: To be assigned
Filed: Herewith

Sheet 4 of 15

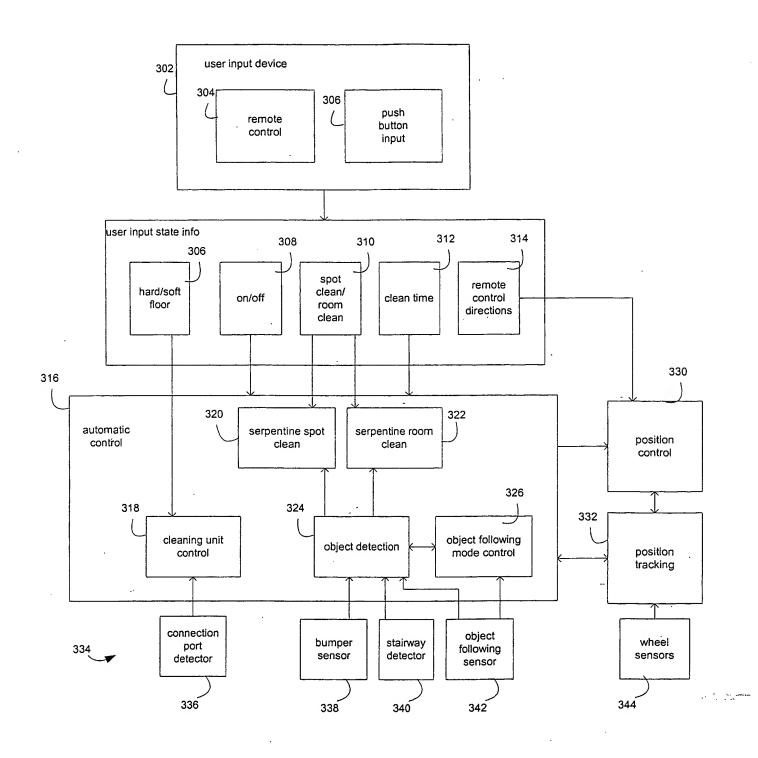


FIGURE 3

Title: Robotic Vacuum with Localized Cleaning Algorithm
Docket No.: SHPR-01360USc Inventor(s): Parker

Appl. No.: To be assigned
Confirm No.: To be assigned
Filed: Herewith

Attorney: Joseph P. O'Malley Phone: (415) 362-3800 41 Express Mail No: EV 375096155 US Sheet 5 of 15

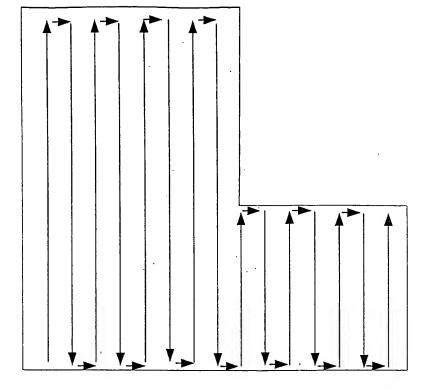


FIGURE 4

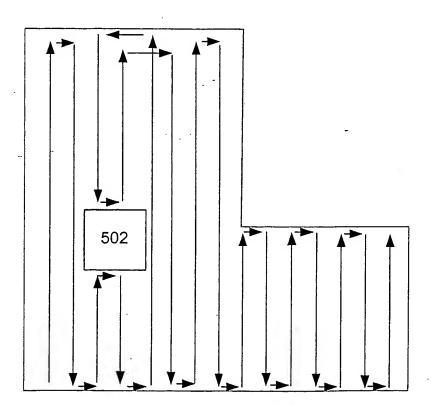


FIGURE 5

Title: Robotic Vacuum with Localized Cleaning Algorithm

Docket No.: SHPR-01360USc
Appl. No.: To be assigned
Confirm No.: To be assigned
Filed: Herewith

Sheet 6 of 15

Cleaning Algorithm
Inventor(s): Parker
Attorney: Joseph P. O'Malley
Phone: (415) 362-3800
Express Mail No: EV 375096 153
US
Sheet 6 of 15

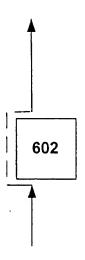


FIGURE 6

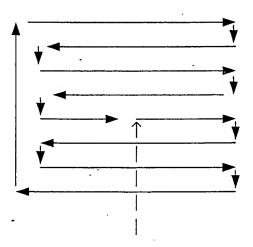


FIGURE 7

Title: Robotic Vacuum with Localized Cleaning Algorithm

Docket No.: SHPR-01360USc
Appl. No.: To be assigned
Confirm No.: To be assigned
Filed: Herewith

Confirm No: To be assigned
Filed: Sheet 7 of 15

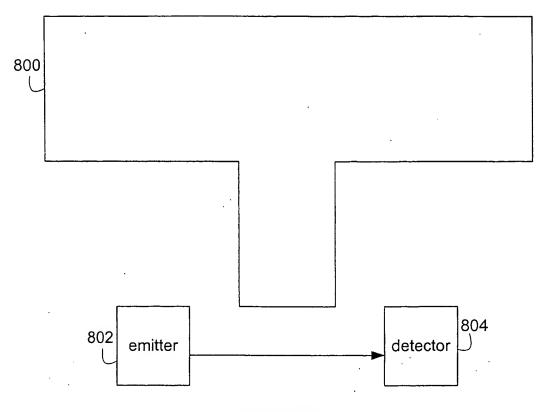


FIGURE 8A

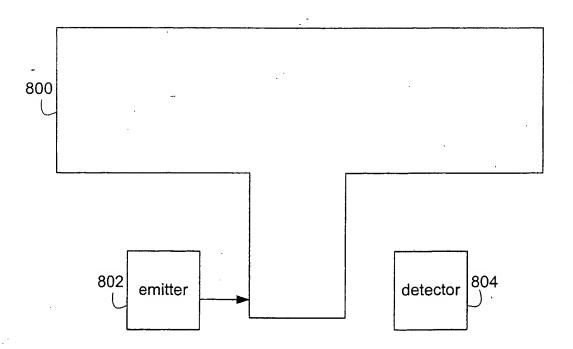


FIGURE 8E Title: Robotic Vacuum with Localized Cleaning Algorithm
Docket No.: SHPR-01360USc Inventor(s): Parket Appl. No.: To be assigned Confirm No.: To be assigned

Filed: Herewith

Inventor(s): Parker Attorney: Joseph P. O'Malley Phone: (415) 362-3800 Express Mail No: EV 375096155 US

Sheet 8 of 15

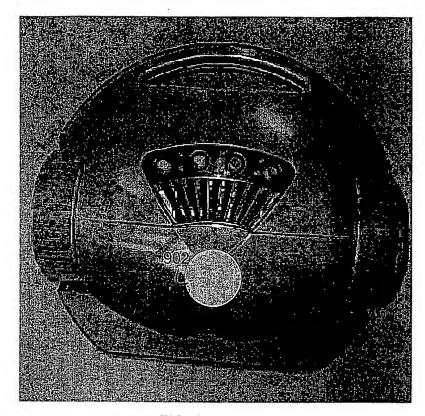


FIGURE 9A

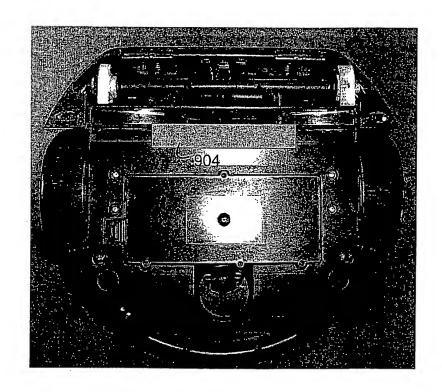


FIGURE 9B

Title: Robotic Vacuum with Localized Cleaning Algorithm
Docket No.: SHPR-01360USc Inventor(s): Parker
Appl. No.: To be assigned Confirm No.: To be assigned Phone: (415) 362-3800
Filed: Herewith Sheet 92 of 15

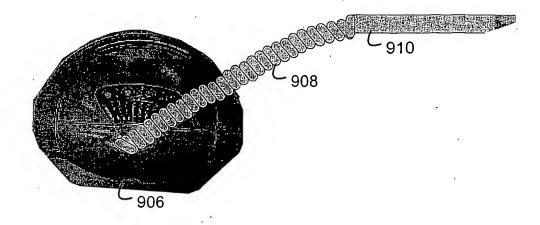


FIGURE 9C

Title: Robotic Vacuum with Localized Cleaning Algorithm

Docket No.: SHPR-01360USc
Appl. No.: To be assigned
Confirm No.: To be assigned
Filed: Herewith

Localized Cleaning Algorithm
Inventor(s): Parker
Attorney: Joseph P. O'Malley
Phone: (415) 362-3800
Express Mail No: EV 375096155 US
Sheet 10 of 15

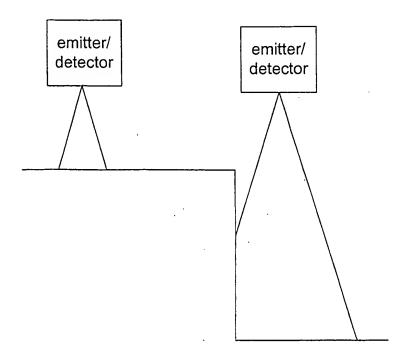


FIGURE 10A

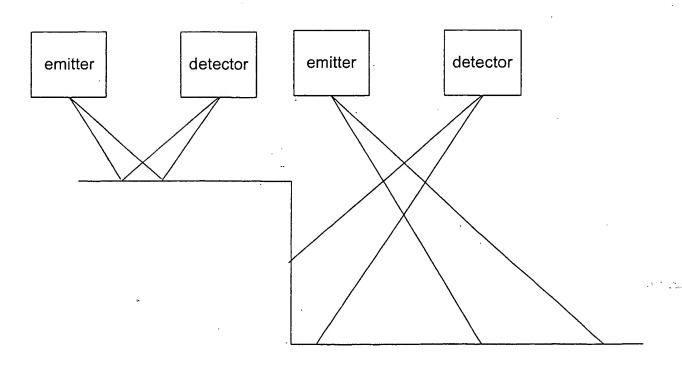


FIGURE 10B

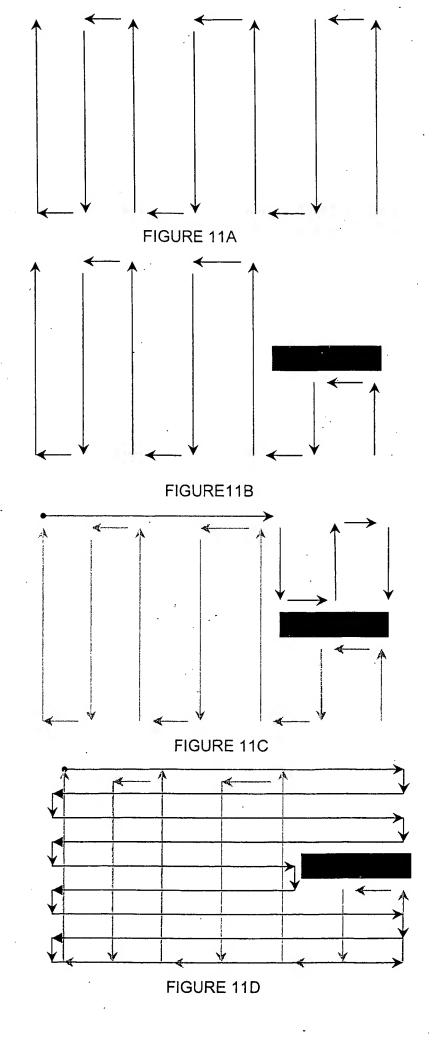
Title: Robotic Vacuum with Localized Cleaning Algorithm

Docket No.: SHPR-01360USc Inventor(s): Parker

Appl. No.: To be assigned Attorney: Joseph P. O'Malley

Confirm No.: To be assigned Phone: (415) 362-3800 Phone: (415) 362-3800 Express Mail No: EV 375096155 US

Sheet 11 of 15



Title: Robotic Vacuum with Localized Cleaning Algorithm
Docket No.: SHPR-01360USc Inventor(s): Parker
Appl. No.: To be assigned Phone: (415) 362-3800
Confirm No.: To be assigned Express Mail No: EV 375096155 US
Filed: Herewith Sheet 12 of 15

Title: Robotic Vacuum with Localized Cleaning Algorithm
Docket No.: SHPR-01360USc
Appl. No.: To be assigned
Confirm No.: To be assigned
Confirm No.: To be assigned
Attorney: Joseph
Phone: (415) 362

Filed: Herewith

Inventor(s): Parker
Attorney: Joseph P. O'Malley
Phone: (415) 362-3800
Express Mail No: EV 375096155 US
Sheet 13 of 15

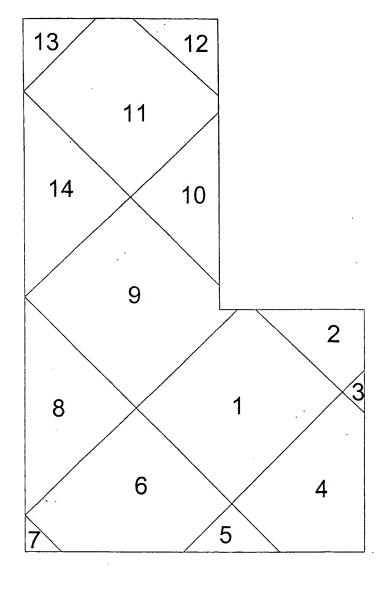


FIGURE 14

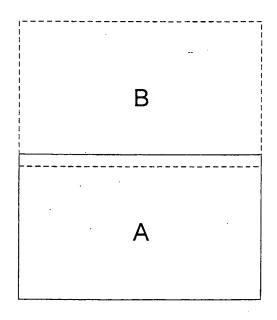
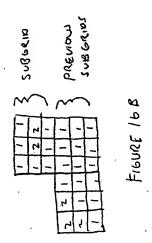
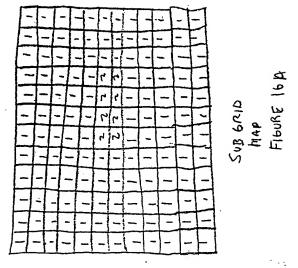


FIGURE 15

Title: Robotic Vacuum with Localized Cleaning Algorithm
Docket No.: SHPR-01360USc Inventor(s): Parker
Appl. No.: To be assigned Attorney: Joseph P. O'Malley
Confirm No.: To be assigned Phone: (415) 362-3800
Express Mail No: EV 375096135
Sheet 14 of 15





Title: Robotic Vacuum with Localized Cleaning Algorithm
Docket No.: SHPR-01360USc
Appl. No.: To be assigned
Confirm No.: To be assigned
Filed: Harawith
Confirm No.: To be assigned
Filed: Harawith
Filed: Harawith
Filed: Harawith

Filed: Herewith

Inventor(s): Parker
Attorney: Joseph P. O'Malley
Phone: (415) 362-3800
Express Mail No: EV 375096135 US
Sheet 15 of 15